



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BEUG *et al.*

Appl. No. 10/055,882

Filed: January 28, 2002

For: **Pro-apoptotic Proteins and DNA  
Molecules Encoding Them**

Confirmation No. N/A

Art Unit: *To Be Assigned*

Examiner: *To Be Assigned*

Atty. Docket: 0652.2430001/EKS/AES

**Information Disclosure Statement**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Agent for Applicants  
Registration No. 47,982

Date: August 13, 2002

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0652.2430001	APPLICATION NO. 10/055,882
	APPLICANT Beug, et al.	
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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	AL1	WO 92/13063	08/06/1992	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Beug, H., et al., "Avian Hematopoietic Cell Culture: <i>In Vitro</i> Model Systems to Study Oncogenic Transformation of Hematopoietic Cells," <i>Methods Enzymol.</i> 254:41-76, Academic Press (1995)
AS	1	Blachly-Dyson, E., et al., "Cloning and Functional Expression in Yeast of Two Human Isoforms of the Outer Mitochondrial Membrane Channel, the Voltage-dependent Anion Channel," <i>J. Biol. Chem.</i> 268:1835-1841, American Society for Biochemistry and Molecular Biology (1993)
AT	1	Boulianne, G.L., et al., "Production of functional chimaeric mouse/human antibody," <i>Nature</i> 312:643-646, Macmillan Publishers, Ltd. (1984)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	2	Chao, D.T. and Korsmeyer, S.J., "BCL-2 FAMILY: Regulators of Cell Death," <i>Annu. Rev. Immunol.</i> 16:395-419, Annual Reviews (1998)
	AS	2	Coulie, P.G., "Human tumour antigens recognized by T cells: new perspectives for anti-cancer vaccines?," <i>Mol. Med. Today</i> 3:261-268, Elsevier Science, Ltd. (1997)
	AT	2	Delahunty, C., et al., "Testing the Feasibility of DNA Typing for Human Identification by PCR and an Oligonucleotide Ligation Assay," <i>Am. J. Hum. Genet.</i> 58:1239-1246, The University of Chicago Press (1996)

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	Desagher, S. and Martinou, J.-C., "Mitochondria as the central control point of apoptosis," <i>Trends Cell Biol.</i> 10:369-377, Elsevier Science, Ltd. (September 2000)
	AS	<u>3</u>	Fotin-Mleczek, M., et al., "Detection of Protein-Protein Interactions Using a Green Fluorescent Protein-Based Mammalian Two-Hybrid System," <i>BioTechniques</i> 29:22-26, Eaton Publishing Group (July 2000)
	AT	<u>3</u>	Gabig, T.G., et al., "Requiem: A Novel Zinc Finger Gene Essential for Apoptosis in Myeloid Cells," <i>J. Biol. Chem.</i> 269:29515-29519, American Society for Biochemistry and Molecular Biology (1994)

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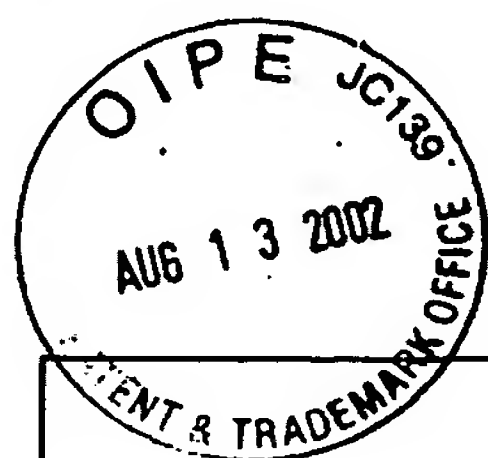
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>4</u>	Graziano, R.F., <i>et al.</i> , "Construction and Characterization of a Humanized Anti- $\gamma$ -Ig Receptor Type 1 (Fc $\gamma$ R1) Monoclonal Antibody," <i>J. Immunol.</i> 155:4996-5002, The American Association of Immunologists (1995)
	AS	<u>4</u>	Jacobson, M.D., <i>et al.</i> , "Programmed Cell Death in Animal Development," <i>Cell</i> 88:347-354, Cell Press (1997)
	AT	<u>4</u>	Jarvik, J.W. and Telmer, C.A., "Epitope Tagging," <i>Annu. Rev. Genet.</i> 32:601-618, Annual Reviews (1998)

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	AR	<u>5</u>	Keown, W.A., et al., "Methods for Introducing DNA into Mammalian Cells," <i>Methods Enzymol.</i> 185:527-537, Academic Press, Inc. (1990)
	AS	<u>5</u>	Köhler, G. and Milstein, C., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> 256:495-497, Macmillan Publishers, Ltd. (1975)
	AT	<u>5</u>	Messina, A., et al., "Characterization of the Human Porin Isoform 1 (HVDAC1) Gene by Amplification on the Whole Human Genome: A Tool for Porin Deficiency Analysis," <i>Biochem. Biophys. Res. Commun.</i> 270:787-792, Academic Press (April 2000)

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AR	6	Neuberger, M.S., et al., "Recombinant antibodies possessing novel effector functions," <i>Nature</i> 312:604-608, Macmillan Publishers, Ltd. (1984)
AS	6	Nicholson, D.W. and Thornberry, N.A., "Caspases: killer proteases," <i>Trends Biochem. Sci.</i> 22:299-306, Elsevier Science, Ltd. (1997)
AT	6	Paulus, W., et al., "Self-Contained, Tetracycline-Regulated Retroviral Vector System for Gene Delivery to Mammalian Cells," <i>J. Virol.</i> 70:62-67, American Society for Microbiology (1996)

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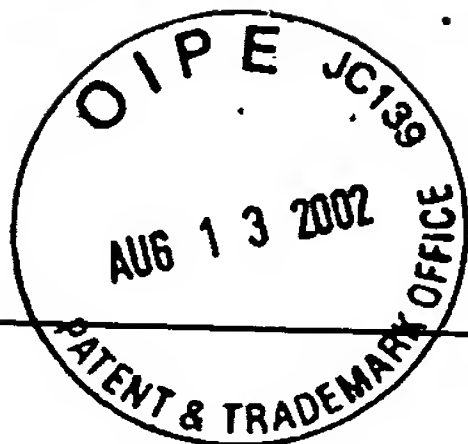
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>7</u>	Peng, S.S., et al., "Functional Characterization of a Non-AUUUA AU-Rich Element from the c-jun Proto-Oncogene mRNA: Evidence for a Novel Class of AU-Rich Elements," <i>Mol. Cell. Biol.</i> 16:1490-1499, American Society for Microbiology (1996)
	AS	<u>7</u>	Raff, M.C., "Size Control: The Regulation of Cell Numbers in Animal Development," <i>Cell</i> 86:173-175, Cell Press (1996)
	AT	<u>7</u>	Raff, M., "Cell suicide for beginners," <i>Nature</i> 396:119-122, Macmillan Publishers, Ltd. (1998)

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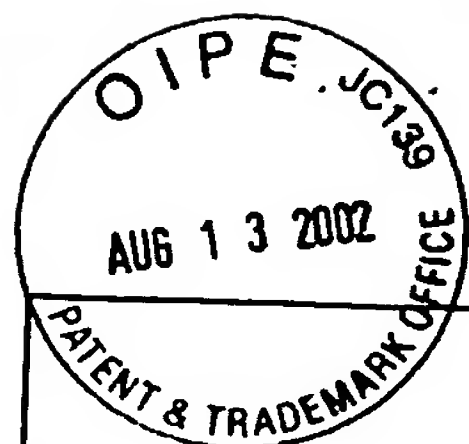
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	AR	8	Riechmann, L., et al., "Reshaping human antibodies for therapy," <i>Nature</i> 332:323-327, Macmillan Publishers, Ltd. (1988)
	AS	8	Riley, J., et al., "A novel, rapid method for the isolation of terminal sequences from yeast artificial chromosome (YAC) clones," <i>Nucleic Acids Research</i> 18:2887-2890, IRL Press (1990)
	AT	8	Saiki, R.K., et al., "Enzymatic Amplification of $\beta$ -Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia," <i>Science</i> 230:1350-1354, American Association for the Advancement of Science (1985)

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	AR	2	Sambrook, J., et al., "In Vitro Amplification of DNA by the Polymerase Chain Reaction," in: <i>Molecular Cloning: A Laboratory Manual</i> , Sambrook, J., et al., eds., Cold Spring Harbor Laboratory Press, U.S.A., pp. 14.2-14.33 (1989)
	AS	2	Shimizu, S., et al., "Bcl-2 family proteins regulate the release of apoptogenic cytochrome c by the mitochondrial channel VDAC," <i>Nature</i> 399:483-487, Macmillan Publishers, Ltd. (1999)
	AT	2	Wagner, R.W., et al., "Potent and selective inhibition of gene expression by an antisense heptanucleotide," <i>Nature Biotechnology</i> 14:840-844, Nature Publishing Company (1996)

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	AR	10	Williams, G.T., et al., "Haemopoietic colony stimulating factors promote cell survival by suppressing apoptosis," <i>Nature</i> 343:76-79, Macmillan Publishers, Ltd. (1990)
	AS	10	Wilson, I.A., et al., "The Structure of an Antigenic Determinant in a Protein," <i>Cell</i> 37:767-778, Cell Press (1984)
	AT	10	Winnacker, E.-L., "Directed Mutagenesis," in: <i>From Genes to Clones, Introduction to Gene Technology</i> , Winnacker, E.-L., ed., VCH Publishers, New York, New York, pp. 451-481 (1987)

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